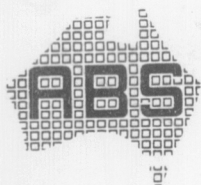


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Catalogue No. 6301.5

# INDUSTRIAL ACCIDENTS

(Series A)



WESTERN AUSTRALIA

AUSTRALIAN  
BUREAU OF  
STATISTICS

1977-78

WESTERN  
AUSTRALIAN  
OFFICE





INQUIRIES • Inquiries regarding these statistics may be made by telephoning Perth 326 3283, or by writing to the Australian Bureau of Statistics, 1-3 St George's Terrace, Perth. W.A. 6000.

Catalogue No. 6301-5

## INDUSTRIAL ACCIDENTS (Series A)

### WESTERN AUSTRALIA

1977-78

The statistics contained in this publication relate to accidents causing deaths or absence from work for one day or more. A further release, 'Industrial Accidents (Series B) 1977-78' to be published shortly, will contain corresponding information in respect of industrial accidents causing death or absence from work for one week or more.

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W. M. BARTLETT

Deputy Commonwealth Statistician  
and Government Statistician

PERTH, Western Australia  
13 February 1979

EXPLANATORY NOTES

The statistics contained in this publication are derived from details of claims for workers' compensation paid by insurers and self-insurers. They relate to claims reported to have been closed during the year ended 30 June 1978.

The figures do not represent all industrial accidents which actually occurred during the year because:

- (i) they refer to claims closed;
- (ii) in the case of non-fatal accidents, they include only those which resulted in absence from work for one day or more;
- (iii) only accidents coming within the scope of the Workers' Compensation Act are included in the statistics, which therefore exclude industrial accidents resulting in the death of, or injury to, self-employed persons and persons employed by the Australian Government. (Compensation for Australian Government employees is provided by the Compensation (Australian Government Employees) Act 1971);
- (iv) the statistics include only accidents occurring at the work site or in the course of the worker's normal duties and do not therefore include 'journey' cases, i.e. death of, or injury to, an employee while travelling between his place of residence and the place of employment. During the year ended 30 June 1978, 620 claims were reported closed in respect of 'journey' cases involving loss of work of one day or more, the total time lost being 2,371 weeks and the cost of claims, \$627,267.

The statistics relate only to accidents, and particulars of cases of industrial disease are therefore excluded.

For the purpose of these statistics, each claim is treated as a separate industrial accident and data are prepared from details of claims reported closed during the year under review (in this instance, the year ended 30 June 1978). In respect of reopened claims, the additional time lost and additional costs are included in the tables but, to avoid duplication, such cases have been excluded from the numbers of accidents shown. Reopened claims reported closed in 1977-78 numbered 2,238 and represented 7,693 weeks time lost, equivalent to 8.3 per cent of the total time lost (see Table 9 on page 11).

The following notes on terms used should be borne in mind when considering the data shown in the tables.

Time lost means the total time lost (i.e. from date of injury) in respect of claims reported closed during the year. The term is therefore not necessarily restricted to time lost during the year under review, since the accident may have occurred in an earlier year.

Cost of claims means the total amount of payments made (principally in the form of compensation for loss of wages, and for medical and hospital expenses, and lump-sum settlements) in respect of claims reported closed during the year. The figures do not therefore necessarily represent amounts actually paid in the year under review.

Accident factor means 'that underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident'.

Site of injury descriptions as shown in Table 3 on page 6 and Table 5 on page 8 are, in most cases, in an abbreviated form. A more detailed description of site of injury is given below:

Head, excluding eyes  
 Eye(s)  
 Neck, including vertebral column  
 Trunk, excluding shoulder and vertebral column  
 Arm, including shoulder and wrist  
 Hand, including finger(s) but excluding wrist  
 Leg, including hip and ankle  
 Foot, including toe(s)  
 Site unspecified  
 Miscellaneous reactions.

Industry. The industry classification used throughout this bulletin is the 'Australian Standard Industrial Classification' (ASIC), described in the publication 'Australian Standard Industrial Classification' (Preliminary Edition), 1969, Volume 1, issued by the Australian Statistician, Canberra. This classification is not directly comparable with the one used for industrial accident statistics for 1975-76 and earlier years.

Any discrepancies between totals and sums of components in tables are due to rounding.

RELATED PUBLICATIONS

Other ABS publications which may be of interest include:

WESTERN AUSTRALIA -  
 Industrial Accidents (Series B) (annual)  
 AUSTRALIA -  
 Civilian Employees (monthly)

Catalogue No.  
 6302.5  
 6213.0

All publications produced by the ABS are listed in Catalogue of Publications (1101.0) which is available free of charge from any ABS Office. Further information about Western Australian publications may be obtained from List of Publications (1101.5) which is available from this Office.

## No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY DIVISION, TIME LOST AND COST OF CLAIMS, 1977-78

Industry division or sub-division	Number of accidents			Time lost (non-fatal accidents)		Cost of claims (\$) (a)			Average per non-fatal accident
	Non-fatal		% of total	Total (weeks)	Average accident (weeks)				
	Fatal	Number				Fatal	Non-fatal	Total	
MALES									
Agriculture, forestry, fishing and hunting	2	878	3.1	2,731	3.1	17,668	519,713	537,381	592
Mining	7	2,793	10.0	8,593	3.1	181,984	2,567,186	2,749,170	919
Total	9	3,671	13.1	11,324	3.1	199,652	3,086,899	3,286,551	841
Manufacturing -									
Food, beverages and tobacco	1	2,565	9.2	6,755	2.6	58,389	1,292,468	1,350,857	504
Wood, wood products and furniture	-	789	2.8	2,416	3.1	-	615,849	615,849	781
Glass, clay and other non-metallic mineral products	-	930	3.3	2,734	2.9	-	571,234	571,234	614
Basic metal products	1	370	1.3	1,322	3.6	495	351,939	352,434	951
Fabricated metal products	-	1,109	4.0	3,209	2.9	-	942,296	942,296	850
Other manufacturing	-	4,559	16.3	10,899	2.4	-	2,486,063	2,486,063	545
Total	2	10,322	36.9	27,335	2.6	58,884	6,259,849	6,318,733	606
Electricity, gas and water	2	533	1.9	1,494	2.8	20,675	436,043	456,718	818
Construction	3	5,531	19.8	16,930	3.1	82,516	3,875,667	3,958,183	701
Wholesale and retail trade	-	2,887	10.3	7,007	2.4	-	1,602,811	1,602,811	555
Transport and storage	4	2,682	9.6	9,063	3.4	157,930	2,069,601	2,227,531	772
Finance, insurance, real estate and business services	-	195	0.7	553	2.8	-	117,959	117,959	605
Community services	2	1,125	4.0	3,069	2.7	65,794	689,964	755,758	613
Entertainment, recreation, restaurants, hotels and personal services	1	736	2.6	2,808	3.8	3	580,985	580,988	789
Other industries	-	307	1.1	1,498	4.9	-	364,453	364,453	1,187
Total	12	13,996	50.0	42,423	3.0	326,918	9,737,483	10,064,401	696
TOTAL, ALL INDUSTRIES, 1977-78	23	27,989	100.0	81,082	2.9	585,454	19,084,231	19,669,685	682
1976-77	20	31,428	100.0	86,750	2.8	331,842	17,618,670	17,950,512	561
1975-76	32	28,435	100.0	95,209	3.3	563,030	16,427,924	16,990,954	578
1974-75	30	29,319	100.0	82,778	2.8	353,092	11,046,015	11,399,107	377
1973-74	15	26,475	100.0	65,924	2.5	163,570	5,568,972	5,732,542	210
FEMALES									
Agriculture, forestry, fishing and hunting	-	44	1.4	142	3.2	-	24,761	24,761	563
Mining	-	12	0.4	22	1.8	-	3,841	3,841	320
Total	-	56	1.8	164	2.9	-	28,602	28,602	511
Manufacturing -									
Food, beverages and tobacco	-	407	13.1	1,545	3.8	-	262,434	262,434	645
Wood, wood products and furniture	-	40	1.3	138	3.5	-	25,520	25,520	638
Glass, clay and other non-metallic mineral products	-	19	0.6	149	7.8	-	25,517	25,517	1,343
Basic metal products	-	1	-	155	154.6	-	36,053	36,053	36,053
Fabricated metal products	-	30	1.0	103	3.4	-	32,761	32,761	1,092
Other manufacturing	-	104	3.3	259	2.5	-	41,845	41,845	402
Total	-	601	19.3	2,349	3.9	-	424,130	424,130	706
Electricity, gas and water	-	8	0.3	17	2.1	-	2,657	2,657	332
Construction	-	19	0.6	88	4.7	-	26,477	26,477	1,394
Wholesale and retail trade	-	516	16.6	1,628	3.2	-	298,433	298,433	578
Transport and storage	-	35	1.1	138	4.0	-	33,100	33,100	946
Finance, insurance, real estate and business services	-	129	4.1	342	2.7	-	53,872	53,872	418
Community services	-	1,289	41.4	4,957	3.8	-	1,017,540	1,017,540	789
Entertainment, recreation, restaurants, hotels and personal services	-	388	12.5	1,661	4.3	-	308,228	308,228	794
Other industries	-	75	2.4	143	1.9	-	29,186	29,186	389
Total	-	2,459	78.9	8,975	3.6	-	1,769,493	1,769,493	720
TOTAL, ALL INDUSTRIES, 1977-78	-	3,116	100.0	11,488	3.7	-	2,222,225	2,222,225	713
1976-77	-	3,137	100.0	10,495	3.3	-	1,659,328	1,659,328	529
1975-76	1	2,767	100.0	11,669	4.2	65	1,654,001	1,654,066	598
1974-75	-	2,986	100.0	9,915	3.3	-	997,701	997,701	334
1973-74	-	2,970	100.0	8,021	2.7	-	467,967	467,967	158

For footnotes, see end of table.



## No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY DIVISION, TIME LOST AND COST OF CLAIMS, 1977-78 (continued)

Industry division or sub-division	Number of accidents			Time lost (non- fatal accidents)		Cost of claims (\$) (a)			Average per non- fatal accident
	Non-fatal		% of total	Total (weeks)	Average per accident (weeks)	Fatal	Non-fatal	Total	
	Fatal	Number							
TOTAL PERSONS									
Agriculture, forestry, fishing and hunting	2	922	3.0	2,873	3.1	17,668	544,474	562,142	591
Mining	7	2,805	9.0	8,615	3.1	181,984	2,571,027	2,753,011	917
Total	9	3,727	12.0	11,488	3.1	199,652	3,115,501	3,315,153	836
Manufacturing -									
Food, beverages and tobacco	1	2,972	9.6	8,300	2.8	58,389	1,554,902	1,613,291	523
Wood, wood products and furniture	-	829	2.7	2,555	3.1	-	641,369	641,369	774
Glass, clay and other non- metallic mineral products	-	949	3.1	2,883	3.0	-	596,751	596,751	629
Basic metal products	1	371	1.2	1,476	4.0	495	387,992	388,487	1,046
Fabricated metal products	-	1,139	3.7	3,311	2.9	-	975,057	975,057	856
Other manufacturing	-	4,663	15.0	11,158	2.4	-	2,527,908	2,527,908	542
Total	2	10,923	35.1	29,684	2.7	58,884	6,683,979	6,742,863	612
Electricity, gas and water	2	541	1.7	1,511	2.8	20,675	438,700	459,375	811
Construction	3	5,550	17.8	17,019	3.1	82,516	3,902,144	3,984,660	703
Wholesale and retail trade	-	3,403	10.9	8,635	2.5	-	1,901,244	1,901,244	559
Transport and storage	4	2,717	8.7	9,202	3.4	157,930	2,102,701	2,260,631	774
Finance, insurance, real estate and business services	-	324	1.0	896	2.8	-	171,831	171,831	530
Community services	2	2,414	7.8	8,026	3.3	65,794	1,707,504	1,773,298	707
Entertainment, recreation, restaurants, hotels and personal services	1	1,124	3.6	4,469	4.0	3	889,213	889,216	791
Other industries	-	382	1.2	1,641	4.3	-	393,639	393,639	1,030
Total	12	16,455	52.9	51,398	3.1	326,918	11,506,976	11,833,894	699
TOTAL, ALL INDUSTRIES, 1977-78	23	31,105	100.0	92,570	3.0	585,454	21,306,456	21,891,910	685
1976-77	20	34,565	100.0	97,246	2.8	331,842	19,277,998	19,609,840	558
1975-76	33	31,202	100.0	106,877	3.4	563,095	18,081,925	18,645,020	580
1974-75	30	32,305	100.0	92,693	2.9	353,092	12,043,716	12,396,808	373
1973-74	15	29,445	100.0	73,945	2.5	163,570	6,036,939	6,200,509	205

(a) Principally compensation for loss of wages, and for medical and hospital expenses, and lump-sum settlements.

F. denotes Fatal Accidents; N.F. denotes Non-fatal Accidents.

Industry division or sub-division (b)	Machinery		Vehicles		Electricity, explosions, etc.		Harmful substances		Falling, slipping, stumbling, etc.		Striking against, stepping on, etc.		Handling, moving or falling objects		Hand tools		Other and unspecified		Total	
	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.	F.	N.F.
MALES																				
Agriculture, forestry, etc.	-	80	1	76	-	12	-	9	-	131	-	44	-	261	-	93	1	172	2	878
Mining	-	45	3	196	1	65	-	142	1	617	-	118	2	1,178	-	186	-	246	7	2,793
Total	-	125	4	272	1	77	-	151	1	748	-	162	2	1,439	-	279	1	418	9	3,671
Manufacturing -																				
Food, beverages and tobacco	-	74	-	48	-	93	-	53	1	477	-	50	-	898	-	657	-	215	1	2,565
Wood, wood products, etc.	-	111	-	20	-	3	-	3	-	100	-	37	-	383	-	113	-	19	-	789
Glass, clay, etc.	-	43	-	38	-	10	-	9	-	184	-	38	-	511	-	53	-	44	-	930
Basic metal products	-	46	-	10	-	21	-	14	-	50	-	18	1	150	-	26	-	35	1	370
Fabricated metal products	-	179	-	18	-	23	-	10	-	128	-	44	-	488	-	187	-	32	-	1,109
Other manufacturing	-	476	-	129	-	120	-	94	-	649	-	185	-	1,982	-	657	-	267	-	4,559
Total	-	929	-	263	-	270	-	183	1	1,588	-	372	1	4,412	-	1,693	-	612	2	10,322
Electricity, gas and water	-	6	-	10	-	16	-	9	2	121	-	20	-	241	-	44	-	66	2	533
Construction	-	186	-	203	1	103	-	106	-	1,135	-	235	2	2,618	-	555	-	390	3	5,531
Wholesale and retail trade	-	130	-	226	-	41	-	50	-	488	-	117	-	1,211	-	525	-	99	-	2,887
Transport and storage	-	45	2	289	-	23	-	17	1	721	-	114	1	1,165	-	77	-	231	4	2,682
Finance, insurance, etc.	-	7	-	7	-	3	-	7	-	46	-	10	-	84	-	15	-	16	-	195
Community services	-	10	2	43	-	23	-	16	-	291	-	54	-	521	-	49	-	118	2	1,125
Entertainment, recreation, etc.	-	19	-	20	-	24	-	19	-	187	-	24	-	303	-	50	1	90	1	736
Other industries	-	6	-	15	-	4	-	8	-	93	-	9	-	128	-	15	-	29	-	307
Total	-	409	4	813	1	237	-	232	3	3,082	-	583	3	6,271	-	1,330	1	1,039	12	13,996
GRAND TOTAL -																				
Number	-	1,463	8	1,348	2	584	-	566	5	5,418	-	1,117	6	12,122	-	3,302	2	2,069	23	27,989
Per cent of total	-	5.2	-	4.8	-	2.1	-	2.0	-	19.4	-	4.0	-	43.3	-	11.8	-	7.4	-	100.0
FEMALES																				
Agriculture, forestry, etc.	-	2	-	1	-	-	-	-	-	14	-	3	-	14	-	3	-	7	-	44
Mining	-	-	-	2	-	-	-	-	-	7	-	1	-	1	-	-	-	1	-	12
Total	-	2	-	3	-	-	-	-	-	21	-	4	-	15	-	3	-	8	-	56
Manufacturing -																				
Food, beverages and tobacco	-	16	-	8	-	10	-	5	-	96	-	12	-	174	-	72	-	14	-	407
Wood, wood products, etc.	-	2	-	2	-	1	-	-	-	4	-	6	-	23	-	2	-	-	-	40
Glass, clay, etc.	-	4	-	-	-	-	-	-	-	6	-	-	-	9	-	-	-	-	-	19
Basic metal products	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Fabricated metal products	-	5	-	-	-	-	-	-	-	3	-	2	-	16	-	1	-	3	-	30
Other manufacturing	-	14	-	2	-	-	-	2	-	23	-	3	-	42	-	15	-	3	-	104
Total	-	41	-	12	-	11	-	7	-	132	-	24	-	264	-	90	-	20	-	601
Electricity, gas and water	-	-	-	-	-	-	-	-	-	5	-	-	-	2	-	-	-	1	-	8
Construction	-	-	-	2	-	1	-	1	-	6	-	2	-	5	-	2	-	-	-	19
Wholesale and retail trade	-	34	-	22	-	12	-	1	-	136	-	39	-	210	-	45	-	17	-	516
Transport and storage	-	1	-	8	-	-	-	-	-	13	-	1	-	8	-	2	-	2	-	35
Finance, insurance, etc.	-	1	-	6	-	3	-	1	-	45	-	5	-	58	-	4	-	6	-	129
Community services	-	10	-	32	-	45	-	14	-	382	-	67	-	602	-	24	-	113	-	1,289
Entertainment, recreation, etc.	-	5	-	6	-	27	-	3	-	130	-	15	-	159	-	21	-	22	-	388
Other industries	-	-	-	10	-	1	-	2	-	24	-	2	-	30	-	2	-	4	-	75
Total	-	51	-	86	-	89	-	22	-	741	-	131	-	1,074	-	100	-	165	-	2,459
GRAND TOTAL -																				
Number	-	94	-	101	-	100	-	29	-	894	-	159	-	1,353	-	193	-	193	-	3,116
Per cent of total	-	3.0	-	3.2	-	3.2	-	0.9	-	28.7	-	5.1	-	43.4	-	6.2	-	6.2	-	100.0

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 9-11. (b) For a more detailed description of the Industry Divisions and Sub-divisions listed, see Table 1.

Industry division or sub-division (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site un- specified	Miscel- laneous	Total
MALES											
Agriculture, forestry, fishing and hunting	26	54	12	188	139	222	151	73	-	13	878
Mining	101	316	64	754	304	464	523	183	50	34	2,793
Total	127	370	76	942	443	686	674	256	50	47	3,671
Manufacturing -											
Food, beverages and tobacco	52	70	44	576	333	1,024	264	178	8	16	2,565
Wood, wood products and furniture	12	60	13	186	82	278	84	68	3	3	789
Glass, clay and other non-metallic mineral, etc.	22	87	8	272	139	215	125	53	6	3	930
Basic metal products	14	60	5	90	45	71	50	31	2	2	370
Fabricated metal products	37	267	13	216	109	265	122	70	1	9	1,109
Other manufacturing	138	878	77	1,130	411	1,013	543	301	29	39	4,559
Total	275	1,422	160	2,470	1,119	2,866	1,188	701	49	72	10,322
Electricity, gas and water	15	57	12	177	40	84	94	35	7	12	533
Construction	168	617	102	1,606	602	1,076	866	420	33	41	5,531
Wholesale and retail trade	119	254	39	813	321	758	373	174	7	29	2,887
Transport and storage	91	167	101	855	341	348	487	237	38	17	2,682
Finance, insurance, real estate and business services	5	16	3	66	19	2	37	15	5	3	195
Community services	38	72	23	385	130	165	199	84	16	13	1,125
Entertainment, recreation, restaurants, hotels, etc.	23	31	10	223	93	154	126	55	10	11	736
Other industries	7	19	8	114	32	37	58	21	8	3	307
Total	466	1,233	298	4,239	1,578	2,648	2,240	1,041	124	129	13,996
GRAND TOTAL -											
Number	868	3,025	534	7,651	3,140	6,200	4,102	1,998	223	248	27,989
Per cent of total	3.1	10.8	1.9	27.3	11.2	22.2	14.7	7.1	0.8	0.9	100.0
FEMALES											
Agriculture, forestry, fishing and hunting	2	-	2	7	10	6	9	7	1	-	44
Mining	1	-	-	2	1	2	5	-	1	-	12
Total	3	-	2	9	11	8	14	7	2	-	56
Manufacturing -											
Food, beverages and tobacco	7	7	9	104	75	135	45	19	1	5	407
Wood, wood products and furniture	-	-	-	13	6	9	12	-	-	-	40
Glass, clay and other non-metallic mineral, etc.	-	-	1	6	-	7	4	1	-	-	19
Basic metal products	-	-	-	-	-	-	1	-	-	-	1
Fabricated metal products	1	1	-	7	2	13	3	3	-	-	30
Other manufacturing	1	4	4	27	19	28	12	8	-	1	104
Total	9	12	14	157	102	192	77	31	1	6	601
Electricity, gas and water	-	-	-	3	-	-	4	1	-	-	8
Construction	-	-	2	4	3	2	5	3	-	-	19
Wholesale and retail trade	26	4	22	164	63	128	74	31	1	3	516
Transport and storage	1	-	5	13	2	6	8	-	-	-	35
Finance, insurance, real estate and business services	2	-	6	55	19	16	20	6	2	3	129
Community services	50	24	46	550	169	139	211	75	17	8	1,289
Entertainment, recreation, restaurants, hotels, etc.	7	5	12	130	73	75	61	19	2	4	388
Other industries	-	-	6	25	9	8	16	6	5	-	75
Total	86	33	99	944	338	374	399	141	27	18	2,459
GRAND TOTAL -											
Number	98	45	115	1,110	451	574	490	179	30	24	3,116
Per cent of total	3.1	1.4	3.7	35.6	14.5	18.4	15.7	5.7	1.0	0.8	100.0

(a) For a more detailed description of Site of Injury, see page 2. (b) For a more detailed description of the Industry Divisions and Sub-divisions listed, see Table 1.



Industry division or sub-division (a)	Contusion, bruising, and superficial	Lacer- ations	Foreign bodies	Burns and scalds	Fractures	Dis- locations	Sprains, strains, hernias	Amputations	Concussion	Other	Total
MALES											
Agriculture, forestry, fishing and hunting	162	252	39	29	84	10	273	1	8	20	878
Mining	691	334	252	128	181	19	1,083	7	11	87	2,793
Total	853	586	291	157	265	29	1,356	8	19	107	3,671
Manufacturing -											
Food, beverages and tobacco	532	887	47	136	70	10	800	3	10	70	2,565
Wood, wood products and furniture	169	222	50	7	60	5	258	10	1	7	789
Glass, clay and other non-metallic mineral, etc.	195	188	75	19	53	2	383	1	1	13	930
Basic metal products	71	50	47	36	29	4	124	3	-	6	370
Fabricated metal products	212	234	216	77	44	3	299	2	7	15	1,109
Other manufacturing	964	799	644	335	155	14	1,541	10	19	78	4,559
Total	2,143	2,380	1,079	610	411	38	3,405	29	38	189	10,322
Electricity, gas and water	136	57	45	25	20	1	229	-	2	18	533
Construction	1,320	1,002	461	202	244	15	2,132	20	20	115	5,531
Wholesale and retail trade	548	725	202	143	110	11	1,070	3	22	53	2,887
Transport and storage	664	280	139	48	144	6	1,322	4	20	55	2,682
Finance, insurance, real estate and business services	32	33	13	7	7	2	89	-	2	10	195
Community services	263	152	53	31	36	4	539	-	6	41	1,125
Entertainment, recreation, restaurants, hotels, etc.	166	144	17	38	51	4	291	2	5	18	736
Other industries	73	51	12	9	10	2	138	-	2	10	307
Total	3,202	2,444	942	503	622	45	5,810	29	79	320	13,996
GRAND TOTAL -											
Number	6,198	5,410	2,312	1,270	1,298	112	10,571	66	136	616	27,989
Per cent of total	22.1	19.3	8.3	4.5	4.6	0.4	37.8	0.2	0.5	2.2	100.0
FEMALES											
Agriculture, forestry, fishing and hunting	11	14	-	-	3	1	12	1	-	2	44
Mining	4	1	-	-	1	-	5	-	1	-	12
Total	15	15	-	-	4	1	17	1	1	2	56
Manufacturing -											
Food, beverages and tobacco	88	117	6	13	16	3	152	-	2	10	407
Wood, wood products and furniture	8	9	-	1	-	-	22	-	-	-	40
Glass, clay and other non-metallic mineral, etc.	5	4	-	1	-	-	9	-	-	-	19
Basic metal products	1	-	-	-	-	-	-	-	-	-	1
Fabricated metal products	5	7	1	1	2	-	12	2	-	-	30
Other manufacturing	22	23	4	2	4	-	47	-	-	2	104
Total	129	160	11	18	22	3	242	2	2	12	601
Electricity, gas and water	2	-	-	-	1	-	5	-	-	-	8
Construction	5	2	-	1	1	-	10	-	-	-	19
Wholesale and retail trade	128	119	-	16	15	6	220	2	6	4	516
Transport and storage	10	5	-	1	-	1	16	1	-	1	35
Finance, insurance, real estate and business services	31	12	-	1	5	-	72	-	-	8	129
Community services	353	81	13	52	39	8	710	-	8	25	1,289
Entertainment, recreation, restaurants, hotels, etc.	84	62	5	27	17	5	179	1	2	6	388
Other industries	18	6	-	3	1	-	39	-	-	8	75
Total	631	287	18	101	79	20	1,251	4	16	52	2,459
GRAND TOTAL -											
Number	775	462	29	119	105	24	1,510	7	19	66	3,116
Per cent of total	24.9	14.8	0.9	3.8	3.4	0.8	48.5	0.2	0.6	2.1	100.0

(a) For a more detailed description of the Industry Divisions and Sub-divisions listed, see Table 1.

## No. 5 - NON-FATAL ACCIDENTS: SITE OF INJURY AND ACCIDENT FACTOR (a), 1977-78

Site of injury (b)	Machin- ery	Vehicles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Head	23	112	40	35	135	107	284	61	71	868	2.4
Eye	517	66	119	155	12	16	396	798	946	3,025	0.8
Neck	4	107	2	8	92	25	245	13	38	534	3.8
Trunk	51	275	36	34	1,521	87	5,332	105	210	7,651	4.0
Arm	108	159	75	58	712	191	1,433	244	160	3,140	2.9
Hand	655	202	126	66	381	238	2,480	1,794	258	6,200	2.1
Leg	61	280	62	73	2,102	265	893	183	183	4,102	3.6
Foot	39	90	95	32	424	185	980	94	59	1,998	2.6
Site unspecified	1	54	21	13	36	1	64	8	25	223	5.5
Miscellaneous reactions	4	3	8	92	3	2	15	2	119	248	1.2
Total	1,463	1,348	584	566	5,418	1,117	12,122	3,302	2,069	27,989	-
Average time lost (weeks)	2.3	4.0	2.3	1.5	3.8	2.5	3.1	1.6	1.9	-	2.9

## FEMALES

Head	-	8	6	-	30	16	25	-	13	98	2.9
Eye	1	-	2	8	2	3	10	5	14	45	1.3
Neck	2	28	1	-	30	3	40	-	11	115	4.8
Trunk	2	16	4	1	273	14	757	2	41	1,110	4.3
Arm	6	8	29	1	129	39	204	14	21	451	4.7
Hand	77	9	34	9	33	24	177	165	46	574	2.1
Leg	4	17	11	3	336	37	55	4	23	490	4.0
Foot	2	5	6	1	55	23	76	3	8	179	1.8
Site unspecified	-	10	-	1	6	-	8	-	5	30	8.2
Miscellaneous reactions	-	-	7	5	-	-	1	-	11	24	1.0
Total	94	101	100	29	894	159	1,353	193	193	3,116	-
Average time lost (weeks)	2.7	3.1	1.4	1.7	4.2	3.7	4.0	2.0	2.7	-	3.7

(a) For a more detailed classification of Accident Factor, see Table 8. (b) For a more detailed description of Site of Injury, see page 2.

## No. 6 - NON-FATAL ACCIDENTS: NATURE OF INJURY AND ACCIDENT FACTOR (a), 1977-78

Nature of injury	Machin- ery	Vehicles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Contusion (b)	224	446	16	106	1,638	487	2,500	428	353	6,198	2.2
Lacerations	489	167	13	62	432	433	1,944	1,681	189	5,410	1.9
Foreign bodies	409	56	39	82	2	4	303	532	885	2,312	0.7
Burns and scalds	143	60	483	147	27	8	18	348	36	1,270	1.6
Fractures	82	129	6	13	433	30	461	76	68	1,298	7.6
Dislocations	3	14	1	-	39	4	33	6	12	112	5.0
Sprains (c)	79	407	6	31	2,755	114	6,688	182	309	10,571	3.7
Amputations	19	4	-	1	1	-	27	11	3	66	10.6
Concussion	3	32	1	3	27	23	33	5	9	136	2.8
Enucleation	-	-	1	-	-	-	-	1	1	3	8.6
Internal injury	1	4	-	-	6	-	8	-	1	20	6.4
Nerve injury	2	1	-	2	7	2	7	1	4	26	17.2
Other (d)	9	28	18	119	51	12	100	31	199	567	3.1
Total	1,463	1,348	584	566	5,418	1,117	12,122	3,302	2,069	27,989	2.9
FEMALES											
Contusion (b)	15	33	-	2	361	92	197	12	63	775	2.7
Lacerations	55	9	-	1	35	40	138	167	17	462	2.0
Foreign bodies	1	-	-	8	-	-	4	4	12	29	1.5
Burns and scalds	4	-	93	10	6	1	1	1	3	119	1.3
Fractures	2	7	-	-	66	5	13	1	11	105	11.8
Dislocations	-	3	-	-	10	3	6	-	2	24	2.9
Sprains (c)	10	37	-	1	401	14	978	6	63	1,510	4.4
Amputations	7	-	-	-	-	-	-	-	-	7	7.8
Concussion	-	2	-	-	9	4	2	-	2	19	5.6
Enucleation	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	1	-	-	1	-	1	-	-	3	6.5
Nerve injury	-	-	-	-	1	-	3	-	-	4	2.2
Other (d)	-	9	7	7	4	-	10	2	20	59	2.0
Total	94	101	100	29	894	159	1,353	193	193	3,116	3.7

(a) For a more detailed classification of Accident Factor, see Table 8. (b) Includes bruising and superficial injury.  
(c) Includes strains and hernias. (d) Includes 'unspecified'.



## No. 7 - NON-FATAL ACCIDENTS: AGE GROUP AND ACCIDENT FACTOR (a), 1977-78

Age group (years)	Machin- ery	Vehicles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total
MALES										
Under 20	329	207	135	79	621	173	1,723	815	268	4,350
20 - 29	518	497	202	206	1,731	375	4,078	1,285	698	9,590
30 - 39	301	263	124	112	1,161	197	2,574	581	471	5,784
40 - 49	166	189	75	84	947	187	1,902	340	309	4,199
50 - 59	98	139	34	55	729	149	1,417	217	233	3,071
60 and over	31	37	11	25	182	28	345	36	77	772
Age not stated	20	16	3	5	47	8	83	28	13	223
Total	1,463	1,348	584	566	5,418	1,117	12,122	3,302	2,069	27,989
FEMALES										
Under 20	32	14	25	4	128	26	207	44	26	506
20 - 29	20	43	22	11	181	40	342	55	52	766
30 - 39	16	20	15	5	170	27	312	41	46	652
40 - 49	12	17	21	1	218	37	302	29	43	680
50 - 59	9	5	17	7	167	21	163	17	20	426
60 and over	3	1	-	1	18	3	17	2	5	50
Age not stated	2	1	-	-	12	5	10	5	1	36
Total	94	101	100	29	894	159	1,353	193	193	3,116

(a) For a more detailed classification of Accident Factor, see Table 8.

## No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1977-78

Accident factor	Males			Females		
	Fatal	Non-fatal Number	Time lost weeks	Fatal	Non-fatal Number	Time lost weeks
<u>Machinery</u>						
Engines and prime movers	-	4	16.2	-	-	-
Pumps (including windmills)	-	3	5.4	-	1	2.0
Ropes, belts, pulleys, etc.	-	33	104.2	-	2	2.0
Shafting	-	-	-	-	-	-
Gears	-	6	22.2	-	-	-
Hoists, cranes, winches, etc.	-	34	119.0	-	1	0.6
Portable lifting appliances	-	23	74.4	-	1	1.4
Lifts	-	11	233.2	-	1	1.2
Conveyors	-	62	149.4	-	6	12.8
Abrasive, polishing, etc.	-	343	330.8	-	1	0.8
Agitators and mixers	-	12	26.4	-	1	5.2
Casting, forging, welding	-	236	253.6	-	2	1.8
Crushers, grinding mills, etc.	-	12	35.4	-	-	-
Drilling, boring, turning (metal)	-	105	123.0	-	-	-
" " " (other)	-	22	44.0	-	-	-
Milling machines (metal)	-	7	6.2	-	-	-
Planers and shapers (wood)	-	18	25.2	-	-	-
" " " (other)	-	6	8.2	-	-	-
Packing and wrapping	-	5	10.0	-	4	2.8
Opening, picking, combing, carding	-	2	4.2	-	-	-
Presses and punches (metal)	-	28	167.2	-	3	38.4
" (printing)	-	14	20.2	-	1	4.4
" (other)	-	13	34.0	-	4	18.2
Rolls (printing, metal, gluing, etc.)	-	19	74.8	-	2	3.4
Saws (wood)	-	64	236.8	-	-	-
" (metal)	-	14	27.2	-	-	-
" (other)	-	27	42.8	-	1	1.4
Screening and separating	-	2	4.6	-	-	-
Sewing and stitching	-	5	4.0	-	8	26.0
Shears (metal)	-	16	33.4	-	-	-
" (paper)	-	4	3.8	-	1	0.4
" (other - except food and sheep shears)	-	2	3.6	-	-	-
Rotary cutters (except food)	-	14	20.2	-	6	4.8
Cutters, food	-	27	57.6	-	28	88.2
Spinning, weaving, knitting	-	-	-	-	-	-
Centrifuges	-	1	0.4	-	1	3.8
Other industrial machines (fixed)	-	185	841.8	-	19	30.6
Milking, shearing, cream separators	-	52	107.2	-	-	-
Farm implements (not tractors)	-	9	31.8	-	-	-
Other farm equipment (fixed)	-	6	35.4	-	-	-
Other machinery	-	17	42.6	-	-	-
Total	-	1,463	3,380.4	-	94	250.2
<u>Vehicles</u>						
Motor vehicles	3	853	3,471.0	-	90	226.6
Railway locomotives, trucks and cars	1	133	541.8	-	2	45.0
Mine, quarry and other vehicles on rails	-	39	76.4	-	2	22.2
Bicycles	-	19	33.8	-	3	1.8
Aircraft	-	-	-	-	-	-
Water transport	-	5	10.4	-	-	-
Animal-drawn vehicles	-	4	38.6	-	-	-

## No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1977-78 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal Number	Time lost weeks	Fatal	Non-fatal Number	Time lost weeks
<u>Vehicles (continued)</u>						
Mobile machinery -						
Mobile cranes and hoists	-	27	111.4	-	-	-
Fork-lift trucks	-	99	306.0	-	2	14.4
Tractors	1	28	114.8	-	-	-
Bulldozers, mechanical shovels, rollers, etc.	3	84	356.0	-	-	-
Other mobile machinery	-	40	142.2	-	-	-
Other vehicles	-	17	129.4	-	2	4.6
Total	8	1,348	5,331.8	-	101	314.6
<u>Electricity, explosions, flames, hot substances</u>						
Electricity -						
Cables and flexibles, portable machines, etc.	-	9	29.8	-	2	1.6
Switch and fuse gear	-	14	18.4	-	2	1.4
Electric supply wiring	1	13	37.0	-	1	0.4
Other electricity	-	15	27.2	-	2	2.2
Explosions -						
Blasting (mines and quarries)	-	6	55.2	-	-	-
Boilers and pressure vessels	-	4	14.4	-	-	-
Gas (household and industrial)	-	9	17.2	-	2	2.0
Other explosions (including weapons)	-	34	175.4	-	-	14.8
Flames and hot substances or objects	1	480	952.4	-	91	118.0
Total	2	584	1,327.0	-	100	140.4
<u>Harmful substances</u>						
Solids, powders	-	63	101.8	-	-	-
Gas and aerosols	-	291	445.4	-	7	14.0
Liquids	-	212	288.8	-	22	35.2
Total	-	566	836.0	-	29	49.2
<u>Falling, slipping, stumbling, etc.</u>						
Falling from -						
Ladders	-	370	1,651.6	-	15	55.2
Poles	2	8	17.8	-	-	-
Roofs	-	80	772.8	-	1	2.4
Scaffolding	-	130	715.2	-	-	-
Stairs or steps	1	393	1,453.6	-	170	801.2
Top or tray of vehicles	-	305	1,202.2	-	3	3.0
Other elevation	-	404	2,061.0	-	31	100.8
Falling into excavations	1	101	447.2	-	5	7.0
Jumping or stepping down	-	353	1,020.2	-	50	128.6
On same level -						
Slipping	1	2,515	8,982.0	-	475	1,941.6
Stumbling	-	644	1,815.2	-	136	734.8
Other and unspecified	-	115	502.0	-	8	18.6
Total	5	5,418	20,640.8	-	894	3,793.2
<u>Striking against, stepping on, etc.</u>						
Stepping on sharp objects	-	149	359.6	-	6	6.0
Striking against fixed or stationary objects	-	968	2,426.2	-	153	577.0
Total	-	1,117	2,785.8	-	159	583.0
<u>Handling, moving or falling objects</u>						
Strain in handling	1	6,288	22,980.8	-	905	4,326.8
Over-exertion	1	292	1,421.0	-	65	260.8
Struck by -						
Trees, limbs, logs	-	66	472.6	-	-	-
Poles	-	39	156.6	-	1	0.2
Other timber	-	269	906.8	-	8	9.4
Drums and barrels	-	110	247.6	-	3	5.2
Boxes, crates, cartons	-	204	679.8	-	27	34.6
Bricks and tiles	-	115	190.6	-	-	-
Earth, rock, sand	2	208	715.6	-	-	-
Hand trucks, barrows, etc.	-	100	281.4	-	24	122.2
Other objects	2	3,537	8,067.0	-	218	566.6
Handling sharp objects -						
Metal	-	370	542.6	-	29	52.6
Glass	-	155	211.2	-	30	32.2
Other sharp objects	-	230	337.0	-	22	38.2
Other	-	139	226.6	-	21	17.0
Total	6	12,122	37,437.2	-	1,353	5,465.8
<u>Hand tools</u>						
Hand operated -						
Axes, hatchets	-	35	59.6	-	-	-
Blow torches	-	-	-	-	-	-
Can openers	-	2	1.4	-	1	1.0
Cleavers, choppers	-	7	12.0	-	2	12.0
Chisels	-	83	91.8	-	1	1.0
Crowbars, pinchbars	-	42	99.8	-	-	-
Files	-	4	3.2	-	-	-
Hammers, mallets	-	393	534.4	-	2	2.8
Hooks	-	11	31.2	-	1	1.0
Knives	-	1,023	1,612.4	-	142	290.2
Needles	-	2	0.4	-	5	6.0
Pens and pencils	-	-	-	-	-	-

## No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1977-78 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal Number	Time lost weeks	Fatal	Non-fatal Number	Time lost weeks
<u>Hand tools (continued)</u>						
Hand operated -						
Picks, pickaxes, hoes	-	17	53.6	-	-	-
Pliers, pincers, tongs	-	10	26.8	-	-	-
Saws	-	47	71.8	-	-	-
Scissors and shears	-	25	40.6	-	6	3.2
Screwdrivers	-	48	61.6	-	1	0.6
Shovels and spades	-	52	223.2	-	1	1.0
Spanners, wrenches	-	137	307.4	-	-	(a) 1.6
Other	-	157	326.0	-	14	17.2
Power operated -						
Abrasive, sanding, polishing, etc.	-	205	218.0	-	4	6.0
Chisels	-	4	2.2	-	-	-
Drills, jack-hammers, etc.	-	262	624.2	-	1	2.2
Knives	-	7	10.6	-	2	5.4
Riveters	-	9	14.0	-	-	-
Saws	-	128	280.6	-	-	-
Screwdrivers	-	3	82.8	-	1	16.8
Soldering irons	-	5	6.6	-	-	-
Explosive-powered fasteners	-	15	14.0	-	3	2.2
Electric welders	-	372	265.2	-	-	-
Oxy torches	-	106	147.0	-	-	-
Other	-	91	146.8	-	6	8.2
Total	-	3,302	5,369.2	-	193	378.4
<u>Miscellaneous</u>						
Animals and insects	2	414	1,424.0	-	29	59.6
Physical causes -						
Cold	-	5	9.0	-	-	-
Compressed air	-	2	1.0	-	1	2.4
Exposure (to rain, wind, etc.)	-	3	3.0	-	-	-
Heat (furnaces, weather, etc.)	-	10	9.6	-	-	-
Immersion	-	1	3.2	-	-	-
Radiation (not burns from)	-	2	5.2	-	-	-
Vibration	-	8	44.8	-	-	-
Other physical causes	-	92	352.4	-	7	48.2
Pressure vessels	-	16	18.0	-	3	2.6
Other -						
Doors, windows, gates, etc.	-	105	273.0	-	40	125.0
Flying particles	-	758	515.4	-	5	5.0
Other and unspecified	-	653	1,315.4	-	108	270.2
Total	2	2,069	3,974.0	-	193	513.0
GRAND TOTAL	23	27,989	81,082.2	-	3,116	11,457.8

(a) Reopened claim.

## No. 9 - NON-FATAL ACCIDENTS: DURATION OF TIME LOST, 1977-78

Duration of time lost	Males		Females		Persons		
	Number	Time lost (weeks)	Number	Time lost (weeks)	Number	Time lost Weeks	% of total
1 day but under 1 week	12,089	5,892	1,155	594	13,244	6,486	7.0
1 week but under 2 weeks	7,786	9,966	919	1,174	8,705	11,139	12.0
2 weeks but under 4 weeks	4,235	11,101	526	1,379	4,761	12,480	13.5
4 weeks but under 6 weeks	1,494	7,047	188	893	1,682	7,940	8.6
6 weeks but under 8 weeks	763	5,176	74	500	837	5,676	6.1
8 weeks but under 13 weeks	824	8,069	89	905	913	8,974	9.7
13 weeks but under 26 weeks	487	8,633	104	1,829	591	10,462	11.3
26 weeks but under 52 weeks	180	6,357	36	1,332	216	7,689	8.3
52 weeks but under 104 weeks	106	7,756	18	1,271	124	9,027	9.8
104 weeks but under 156 weeks	20	2,671	5	664	25	3,335	3.6
156 weeks and more	5	1,174	2	495	7	1,669	1.8
Total	27,989	73,842	3,116	11,036	31,105	84,877	91.7
Reopened claims (a)	-	7,241	-	452	-	7,693	8.3
Total	27,989	81,082	3,116	11,488	31,105	92,570	100.0

(a) Additional time lost which cannot be allocated to appropriate groups. The number of reopened claims reported was 2,238.



